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ELEMENT SLEEVE FOR A BATTERY

ABSTRACT

An element body for a compressible stack of battery elements is provided. The element body defines a cavity for receiving the compressible stack of battery elements. The cavity has a height that is smaller than an uncompressed height of the compressible stack of battery elements. A cover compresses the compressible stack of battery elements to about the height of the cavity. The stack has a plurality of positive plates each having a positive lug, a plurality of non-conductive separators, and a plurality of negative plates each having a negative lug is provided. The positive plates, separators, and negative plates are configured into the compressible stack.